

TG Section III-A-2 - Resource Management Systems

RATON FIELD OFFICE

Irrigated Cropland Guide Sheet 1/

Resource Data

MLRA - 70

Soils - All in WEG 3,4,4L,5,6,7

T-5

WEQ

C-80

I-86 or Less

The following alternatives are acceptable regardless of the tillage method used provided the minimum specified amounts of residue are managed as indicated in the Management Requirements section. Critical erosion period is November thru April.

Irrigated Cropland Alternatives. 2/

Alternative 1: Continuous Wheat

Minimum Crop Residue Amounts: Wheat - 1000 pounds

Alternative 2: Continuous Forage Sorghum for Hay

Minimum Crop Residue Amount: Sorghum - 1400 pounds

Alternative 3: Alfalfa - 6 years, Forage sorghum for hay - 1 year,
Wheat - 1 year

Minimum Crop Residue Amounts: Alfalfa - 550 pounds
Sorghum - 1400 pounds
Wheat - 1000 pounds

Alternative 4: Alfalfa - 6 years, Oats for hay - 2 years

Minimum Crop Residue Amounts: Alfalfa - 500 pounds
Oats - 1000 pounds

Alternative 5: Forage Sorghum for Hay - 1 year, Wheat - 1 year,
Idle land - 1 year

Minimum Crop Residue Amounts: Sorghum - 1400 pounds
Wheat - 1000 pounds
Idle Land - 850 pounds (previous crop
residue 600 lbs. minimum, plus
250 lbs. residue from annuals)

Raton - I-86 - Resource Management Systems
C-80

Alternative 6: Any rotation with comparable levels of protection.
(Use WEQ and USLE to ensure that total erosion losses
are less than "T".)

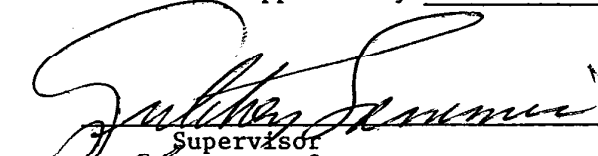

2/ Acceptable alternatives as long as water erosion does not exceed
T.

Management Requirements:

- | | |
|---------------------------|--|
| Alfalfa | - Leave the minimum specified amounts of standing residue during the blow season. |
| Wheat | - Leave the minimum specified amounts of growing wheat residue during the blow season. |
| Forage Sorghum
for Hay | - Leave the minimum specified amounts of standing forage sorghum stalk residue on the soil surface until May 1 or as near planting time as possible, whichever is later. |
| Oats for Hay | - Leave the minimum specified amounts of growing small grain residue during the blow season. |
| Idle Land | - Leave a minimum of 600 pounds residue from previous crop residue plus the volunteer annuals during the blow season. |
| Emergency
Tillage | - Any time sufficient residues are not produced to manage as above the land will be left in a rough, ridged, cloddy condition to prevent wind erosion. |
| Emergency
Irrigation | - If insufficient residues or clods are present to prevent blowing, the land will be lightly irrigated. |

1/ To be used for conservation compliance and/or sodbusting.

Guidesheet approved by COLFAX SWCD Board.


Supervisor

District Conservationist

2/18/88
Date

7/18/88
Date


Area Conservationist

7/25/88
Date


State Conservationist

8/19/88
Date

TG III-A-2 - Resource Management System

RATON FIELD OFFICE

Dry Cropland Guide Sheet^{1/}

Resource Data

MLRA - 70,77

Soils all in WEG 3,4,4L,5,6,7

T-5

WEQ

C-100

I-86 or less

The following alternatives are acceptable regardless of the tillage method used provided the minimum specified amounts of residue are managed as indicated in the Management Requirements section. Critical wind period is considered November thru April.

Dry Cropland Alternatives^{2/}

Alternative 1: Continuous Wheat

Minimum Crop Residue Amount: Wheat - 1250 pounds

Alternative 2: Continuous Millet for Hay

Minimum Crop Residue Amount: Standing Millet Stubble - 1200 pounds

Alternative 3: Wheat - 1 year, Millet - 1 year

Minimum Crop Residue Amount: Wheat - 1250 pounds
 Standing Millet Stubble - 1200 pounds

Alternative 4: Wheat - 1 year, Millet - 1 year, Idle - 1 year

Minimum Crop Residue Amount: Wheat - 1250 pounds
 Standing Millet Stubble - 1200 pounds
 Idle Land - 850 pounds (previous crop residue
 600 pounds minimum, plus 250 pounds
 residue from annuals)

Alternative 5: Any rotation with comparable levels of protection.
 (Use WEQ and USLE to ensure that total erosion losses are
 less than "T".)

^{2/} Acceptable alternatives as long as water erosion does not exceed "T".

Raton-I-86 - Resource Management System
C-100

Management Requirements:

- Wheat - Leave the minimum specified amounts of growing wheat residue during the blow season.
- Millet for Hay - Leave the minimum specified amounts of standing millet stalk residue on the soil surface until May 1 or as near planting time as possible, whichever is later.
- Idle Land - Leave a minimum of 600 pounds residue from previous crop residue plus the volunteer annuals until the end of the blow season.
- Emergency Tillage - Any time sufficient residues are not produced to manage as above, the land will be left in a rough, ridged, cloddy condition to prevent wind erosion.

1/ This guidesheet is for conservation compliance and/or sodbusting.

Guidesheet approved by COLFAX SWCD Board.

Anthony Sammi 2/18/88
Supervisor Date

Charles H. Walker 7/18/88
District Conservationist Date

Robert D. Bruce 7/25/88
Area Conservationist Date

Ray V. Margop. 8/19/88
State Conservationist Date